

Date: Fri, 12 Aug 94 04:30:24 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #279
To: Ham-Equip

Ham-Equip Digest Fri, 12 Aug 94 Volume 94 : Issue 279

Today's Topics:

800 MHz receive module in Kenwood TM-733A
Crystal mic replacement?
HELP!-Need 2M mobile Recomm.
HF Transceiver for Sale
ICOM W21AT Accesories
MARS/CAP
More on Kenwood TM-733A PL problems.
need 220 gear for link
Searching for ALINCO ALX-2T Dead or Alive!
sell gracilis packet twin
sell kantronics D4-10
TS790, IC820, FT736
What kind of handheld is this?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Aug 1994 13:09:03 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: 800 MHz receive module in Kenwood TM-733A
To: ham-equip@ucsd.edu

In article <STEVE.94Aug10210938@susie.vigra.com>, steve@vigra.com (Steve
Haehnichen) writes:

Steve:
I think t

he K & P are part of the code that Kenwood uses to designate the country or market that the radio is configured for. I beleive "K" is the US. I don't know what the other market codes are, maybe Canada is "P". Look on the box that your radio came in and on the sticker that has the s/n there should be a "K" somewhere on the sticker.

Does anyone have the complete listing ???????

Thanks, Greg at Nortrop via AOL

Date: Sun, 7 Aug 1994 08:08:17 GMT
From: news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!news.cac.psu.edu!
newsserver.jvnc.net!howland.reston.ans.net!agate!library.ucla.edu!csulb.edu!
csus.edu!netcom.com!@ihnp4.ucsd.edu
Subject: Crystal mic replacement?
To: ham-equip@ucsd.edu

So, the element in the Turner J454X crystal microphone attached to my TT Omni-D finally gave up the ghost. Anybody know where I can get a replacement (it seems to have wonderful audio)? Otherwise, what kind of element can I use as a substitute? I threww in a 1200 ohm piezo, but I have to scream. . . what's the impedance of this kind of element, anyway?

73

--

Andrew McFarland
amcfrlnd@netcom.com
N7VTB - Sand Diego, CA.

Date: 10 Aug 1994 17:45:37 GMT
From: news.cerf.net!gopher.sdsc.edu!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!zip.eecs.umich.edu!newsxfer.itd.umich.edu!europa.eng.gtefsd.com!
howland.reston.ans@ihnp4.ucsd.edu
Subject: HELP!-Need 2M mobile Recomm.
To: ham-equip@ucsd.edu

Hello,

I am looking for any recommendations on 2M mobile rigs. I am looking for a rig that is resistant to intermod. It will be mounted in an '89 Chevy pickup so size is not an overwhelming concern. I have been considering an ICOM IC-281H, YAESU FT2200 or FT2400. Any comments or suggestions?

73,

Brent Mirchandani bjm@col.hp.com
KB0LUE

Date: 5 Aug 94 10:32:48 -0500
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!noc.near.net!news.tufts.edu!
news.hnrc.tufts.edu!jerry@network.ucsd.edu
Subject: HF Transceiver for Sale
To: ham-equip@ucsd.edu

In article <31pkaj\$12e@Times.Stanford.EDU>, polland@Xenon.Stanford.EDU (W. Scott Polland) writes:

>
> Kenwood TS-440S w/AT. Purchased two years ago for about
> \$1,300. NEVER used. Has been sitting here for the past two
> years. I am not really interested in HF.

I can understand what happened (a purchase in the exhilaration of having studied code and theory and finally receiving HF priveleges?, which is where I am now except for the purchase), and I worry about doing this to myself, too. That's why even though the RS HF rumor sounds too good to be true, it would be nice if it were true to give people a way to play with HF (even if it's QRP) at low cost without diverting a mortgage payment.

Date: 9 Aug 1994 19:45:54 GMT
From: ihnp4.ucsd.edu!newshub.sdsu.edu!nic-nac.CSU.net!usc!math.ohio-state.edu!
howland.reston.ans.net!swrindc!news.uh.edu!uuneo.neosoft.com!blkbox!
guillory@network.ucsd.edu
Subject: ICOM W21AT Accesories
To: ham-equip@ucsd.edu

Does anyone know a source of the power plug for an ICOM W21AT other than ICOM. The local dealer wants \$14.95 for the OPC-288/L power plug which is really only a pig tail with a special connector.

The connector looks like a 3.5 mm power plug but the positive part is male instead of female.

Any ideas?

George Guillory, KC5HBT
guillory@blkbox.com
"To stand in silence when they should be protesting
makes cowards of men." Abraham Lincoln

Date: 11 Aug 1994 00:29:52 -0700
From: sequent!guardian.up.edu!news.world.net!news.teleport.com!news.teleport.com!
not-for-mail@uunet.uu.net
Subject: MARS/CAP
To: ham-equip@ucsd.edu

I don't know about MARS, but Civil Air Patrol operates on 148.15, with
an offset of -4.25 for voice repeaters. They also have 149.925 for
packet and one 10m freq I can't remember right now.

Max
N7NWG
--

Date: 11 Aug 1994 18:51:12 GMT
From: tcsi.tcs.com!agate!kennish@uunet.uu.net
Subject: More on Kenwood TM-733A PL problems.
To: ham-equip@ucsd.edu

In article <STEVE.94Aug10191958@susie.vigra.com>,
Steve Haehnichen <steve@vigra.com> wrote:
>I just received my Kenwood TM-733A/E Service Manual today, and
>immediately checked out the CTCSS (PL) section, since the tone on mine
>and many others is filthy with harmonics and artifacts.
>
>I have some bad news. It seems that the tone is digitally synthesized
>and not subjected to much filtering. There are seven digital output
>lines from the CPU going into a ladder resistor network (DAC). The
>one (analog) output from the network gets directly coupled into the
>incoming microphone audio via a 470 Kohm resistor (R256) and .0082
>capacitor (C285). There is one trimpot *after* they have been mixed.

Arrrrrrrrrrrrrrrgggggggggggghhhhhhhhhh!!!!

Looks like this is the new "cost reduced" == CHEEEEEAAAAAPP

method of putting PL encode in the box. The Yaesu FT-11/41R HTs do the same thing, and it has the same problem, really crappy PL. Moreover it was off frequency.

The final solution was to put a tone decode board (another way of extracting \$\$\$ from us poor hams). The Yaesu DEcode board also generates tones for use during ENcode, and overrides the CPU generation. The tones now sound great. Moreover, I got Yaesu to put the decode board in under warranty for free.

My advice. If the PL performance is so poor that it is preventing use of repeaters (especially those with reed decoders), then lean on Kenwood. If the installation of the optional decode board also overrides the CPU generation of the PL tone, then insist that they install it for free under warranty. If we all make enough of a noise, the manufacturers will forget about using this method. Maybe they will just put a tone decode board into the unit from the beginning, like the FT-530. The increase in cost is minimal to do it that way....

==Ken

p.s. Yes, Mr. Beckman, PL is a registered trademark of Motorola for CTCSS. Happy now?

Date: Wed, 10 Aug 94 21:39:41 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: need 220 gear for link
To: ham-equip@ucsd.edu

I am looking for some 220 gear for a repeater link. any one have a 1/2 dead radio laying around. since I only need the txmiter at the remote site and receiver at the repeater site i can use rigs where the transmitter OR receiver are dead or dieing. Thank

Peter/Ka5coi

Date: 10 Aug 1994 22:03:01 -0400
From: newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@uunet.uu.net
Subject: Searching for ALINCO ALX-2T Dead or Alive!
To: ham-equip@ucsd.edu

Trying to get this HT functional again for new ham. If you have one to sell just Email me.....N8JYM

Date: Fri, 5 Aug 1994 10:16:38 -0400
From: cis.ohio-state.edu!news.sei.cmu.edu!bb3.andrew.cmu.edu!andrew.cmu.edu!
aw0g+@uunet.uu.net
Subject: sell gracilis packet twin
To: ham-equip@ucsd.edu

I have an gracilis packet twin for sale. Make offer.

Also I have a pair of kantronics D4-10 high speed data radios for sale. They have the default crystals which I think are 430.55 for 19.2kbaud packet. I was intending to build a high speed link but don't think I will get around to it. Both new never powered up. I have most of the manuals and connectors (have them all somewhere) . Make offer.

Finger aw0g+@andrew.cmu.edu and read plan file to see if they are still available.

Date: Fri, 5 Aug 1994 10:15:07 -0400
From: cis.ohio-state.edu!news.sei.cmu.edu!bb3.andrew.cmu.edu!andrew.cmu.edu!
aw0g+@uunet.uu.net
Subject: sell kantronics D4-10
To: ham-equip@ucsd.edu

I have a pair of kantronics D4-10 high speed data radios for sale. They have the default crystals which I think are 430.55 for 19.2kbaud packet. I was intending to build a high speed link but don't think I will get around to it. Both new never powered up. I have most of the manuals and connectors (have them all somewhere) . Make offer.

Also have a gracilis packet twin for sale that I got to hook up to one of the above radios.

Finger aw0g+@andrew.cmu.edu and read plan file to see if they are still available.

Aaron Wohl / ham callsign N3LIW / 412-731-3691 / 412-268-5032

Date: 11 Aug 94 15:51:58 GMT
From: news-mail-gateway@ucsd.edu
Subject: TS790, IC820, FT736

To: ham-equip@ucsd.edu

> I recently bought an ICOM 970 and do not consider the human factors
> engineering to be satisfactory on a rig in that price range.
>
> There are also hardware design issues that are unacceptable. There
> is no external key line to outboard amplifiers. STUPID!
>
> Barry WA0RJT

Basically that was the gist of G3RUH's review of the IC-820H, a copy to be found at ftp.ucsd:/hamradio/packet/tcpip/incoming, that the human interface was lacking. The 820 does not have variable front-panel power output control, unless you consider Hi/Lo to be variable.

On the other hand the IC-820H has an accessory jack that, as I recall, includes PTT wired in parallel with the MIC PTT. This would be usefull for keying an ampifier. Same jack has the 0 to -4v ALC input to attenuate power output.

Last night I heard activity on 145.815 with my FM dual bander and quickly rigged my IC-820H to copy with my ASA dual-band vertical. All smiles. Everything was S0 and distorted by the mis-polarization of antennas, but now I need to hold G3RUH's document in one hand with my radio in front, and decide if I agree, or if Icom changed things for the better. Specifically, I had no trouble tuning either Main or Sub bands at 10 Hz resolution.

When I get proper antennas, I'll try to transmit.

73, David N4HHE
dkelly@nebula.tbe.com

Date: 9 Aug 94 19:20:05 GMT
From: ihnp4.ucsd.edu!newshub.sdsu.edu!nic-nac.CSU.net!usc!cs.utexas.edu!
news.tamu.edu!campus.mty.itesm.mx!a1152511@network.ucsd.edu
Subject: What kind of handheld is this?
To: ham-equip@ucsd.edu

Hello,

This is my first post to this group, and hope this message fits the charter of the group.

My brother was given an old handheld by a friend, and was wondering what is the use of it, since it doesn't cover the amateur frecuencies.

It is an old looking Ten Tec, model TT-990, with a rubber duck antenna, and a box or compartment of rechargeable cells under it, that can be removed. The body of the handheld is metallic, with a brownish color.

The frequencies showed in the crystal screen are about 128.000 Mhz, and up to about 134.000 Mhz. Seems to be AM

We have not heard anyone transmitting in these frequencies yet.

Do you know what is the use intended for this rig, and how much would be its value? Who can be interested in it?

Muchos thanks in advance!

Ricardo Rodriguez M.

End of Ham-Equip Digest V94 #279
